



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

www.miamidae.gov/buildingcode

NOTICE OF ACCEPTANCE (NOA)

**Ingersoll-Rand
6810 Hillsdale Court
Indianapolis, IN 46250**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: IR Series "H16-4" Single Flush Outswing Commercial Steel Doors w / Mortise Lock set

APPROVAL DOCUMENT: Drawing No "776W-2", titled "H16-4 3070 Single (Outswing)", sheets 1 through 8 of 8, prepared by the manufacturer, dated 05-01-02 and last revised w/ revision "E" on 01/30/10, signed and sealed by Thomas Gordon, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large Missile Impact Resistant

Limitation:

1. See Design pressure & Water infiltration limitation sheet 1 of the drawings.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises & renews** NOA # **04-0604.02** consists of this page 1 and evidence pages E1, E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

NOA No 09-0929.04

Expiration Date: February 24, 2011

Approval Date: February 24, 2010

Page 1



2/14/10

Ingersoll-Rand

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's parts and sections drawings (transferred from file # **04-0604.02**)
2. Drawing No "**776W-2**", titled "H16-4 3070 Single (Outswing)", sheets 1 through 8 of 8, prepared by the manufacturer, dated 05-01-02 and last revised w/ revision "**E**" on 01/30/10, signed and sealed by Thomas Gordon, P.E.

B. TESTS (transferred from file # **04-0604.02)**

1. Test report on
 - 1) Air Infiltration Test, per TAS 202-94
 - 2) Water Resistance Test per FBC TAS 202-94(Not conducted)
 - 3) Uniform Static Air Pressure Test, Loading per TAS 202-94
 - 3) Large Missile Impact Test per FBC, TAS 201-94
 - 4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 5) Forced Entry Test, per PA 202-94

Along with manufacturer's parts and section drawings of Single flush outswing/Inswing steel doors, marked by Certified Testing Lab, Test Reports No(s). **CTLA-776W -2 & CTLA-776W -3** both dated June 07, 2002, both signed and sealed by Ramesh Patel, P.E.

Note: Test report No. **CTLA-776W -2** has been issued an addendum letter dated 12/03/09, issued by Certified Testing Lab, signed and sealed by Ramesh Patel, P.E.

2. Reference test reports CTLA 776W-1 and CTLA 1035W-2 for anchor qualifications.

C. CALCULATIONS:

1. Statement of compliance to FBC 2007 & "No Financial interest", dated 01/30/10, prepared, signed & sealed by Thomas Gordon., P.E.
2. Anchor verification calculation , prepared by PTC, LLC dated 08/30/02 signed & sealed by Rene J. Quiroga, P.E. (transferred from file # **04-0604.02**)
3. Hinge Load Evaluation report, dated 01/04/04, prepared, signed & sealed by Thomas Gordon., P.E.

D. QUALITY ASSURANCE BY

1. Miami Dade building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS (copies in current IR files)

1. Tensile test report # CTLA-776W (0194H), dtd 02/25/02 prepared by CTL Architectural Division, sheet samples, tested per ASTM E8, signed & sealed by Ramesh Patel, P.E.
2. Test Report No. **03NK2370/R145081**, January 21, 2003, issued by Underwriters laboratories Inc for "Surface Burning Characteristics of Building material" per ASTM E84-00a and self Ignition per ASTM 1929D for "Elfoam H200", issued to Elliott Co. of Indianapolis Inc.

Ishaq I. Chanda

Ishaq I Chanda, P.E.

Product Control Examiner

NOA No 09-0929.04

Expiration Date: February 24, 2011

Approval Date: February 2010

Ingersoll-Rand

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (Continue):

3. Tensile Test report No. A103W1-Test 1, 2 & 3 dated 23 APR 03 per ASTM E-8 for steel face sheet, prepared by Certified Testing laboratory, signed and sealed by Ramesh Patel, P.E.
4. Test Report No. **NER-384**, reissued dated May 01, 1994, issued by National Evaluation Service Inc to Huntsman Chemical Corporation for "Expanded Polystyrene EPS" for grade 86 & grade 54 for "Surface Burning Characteristics of Building material" per ASTM E 84.
5. Test Report No. **9691**, dated August 28, 1987, 1994, issued by United Testing Company Inc. to Huntsman Chemical Corporation for "Expanded Polystyrene EPS" for grade 86 & 54 for "Self Ignition Temperature Test" per ASTM D-1929.

F. STATEMENTS

1. Letter of conformance to FBC 2007 & "No financial interest" dated Jan 30, 2010, signed and sealed by Gordon Thomas, P.E.
2. Acknowledgement Letter, issued by Ingersoll-Rand accepting to conduct verification test per BCCO test proposal date 12/03/09, received on Feb 03, 2010, signed by Yuri Farber.
3. Laboratory Statement of compliance, part of the above referenced test reports

G. OTHER

1. This NOA **revises & renews** NOA # **04-0604.02** , expired on 11/11/09.
2. This is a **Non-Renewable** conditional approval, subjected to completion of one sample verification test approved by BCCO dated 12/03/09.
3. Photo of Stainless Steel Strike plate supplied by Ingersoll-Rand.
4. Schlage & Falcon Mortise Locks brochures / catalogs supplied by Ingersoll-Rand.

Ishaq I. Chanda

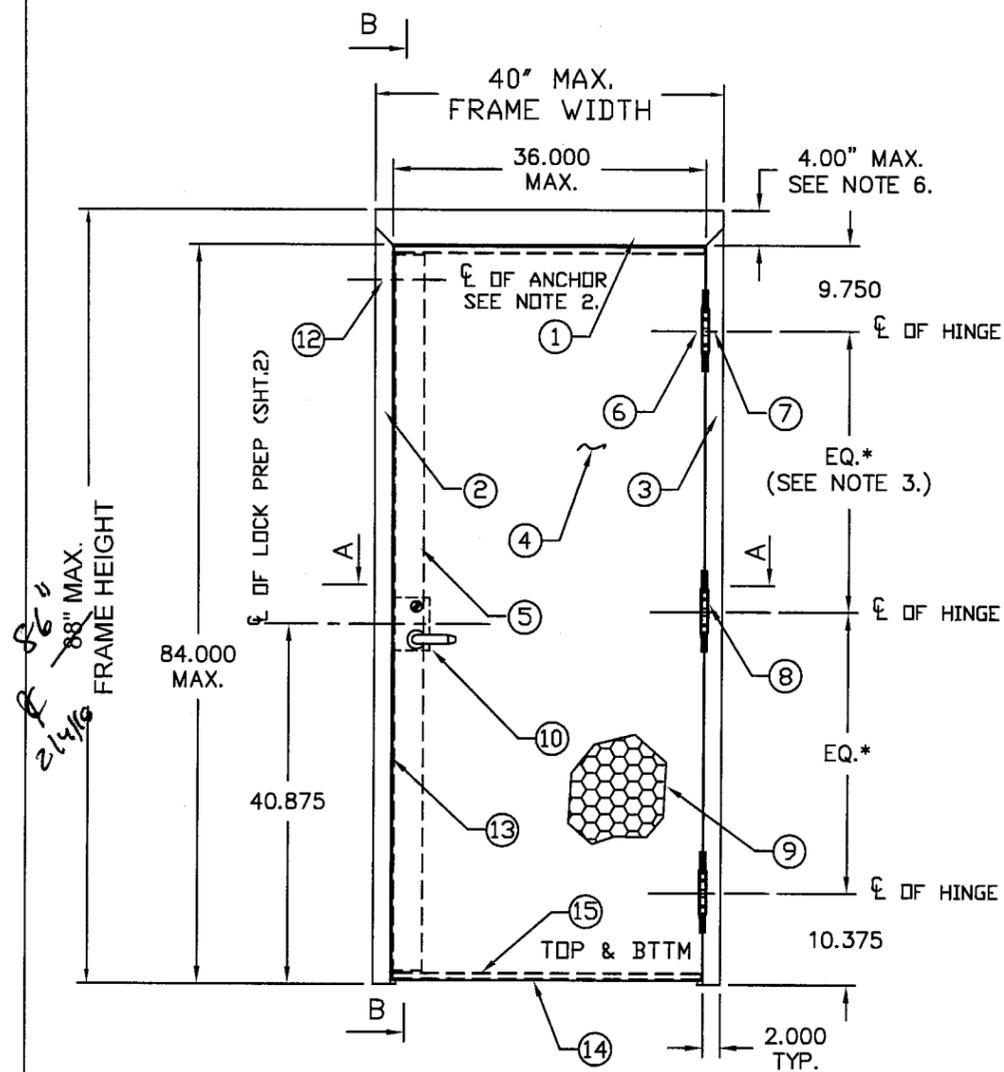
Ishaq I Chanda, P.E.

Product Control Examiner

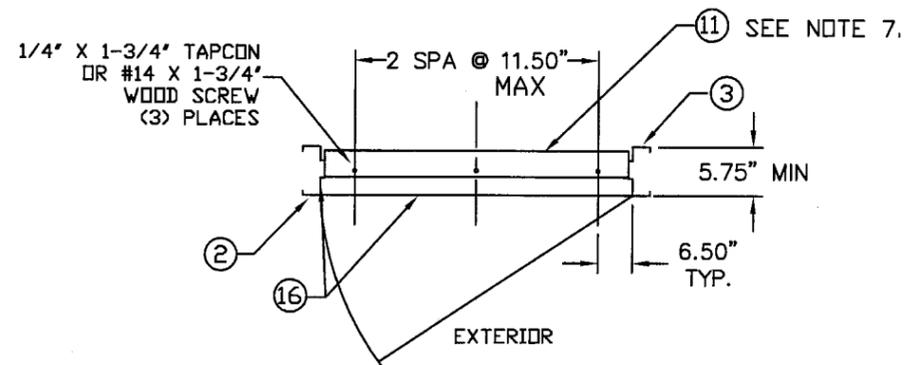
NOA No 09-0929.04

Expiration Date: February 24, 2011

Approval Date: February 2010



(EXTERIOR ELEVATION VIEW - OUTSWING DOOR)



SILL INSTALLATION (TYPICAL)

DESIGN PRESSURE RATING (OUTSWING DOOR)		
LOCK STRIKE PLATE OPTION	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED*
STANDARD	NOT APPROVED	+120 PSF / -120 PSF
STAINLESS STEEL	NOT APPROVED	+170 PSF / -170 PSF

*Water infiltration resistance is not required when Door assemblies installed in non-habitable areas where the door assembly and area are designed to accept water infiltration, or if protected by overhang with ratio Length/Height equal or greater than 1.

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	02/25/03	
B	REVISED FOR SUBMITTAL	03/30/04	
C	REVISED PER DC BCCD	07/02/04	
D	REVISED PER DC BCCD	08/31/04	
E	REVISED PER DC BCCD	01/14/10	

NOTES:

- ONE ROW OF PS074 WEATHERSTRIPPING PER JAMB AND HEAD. INSTALL PER SHT 7
- ANCHOR REQUIREMENTS: SEE SHT 1 AND 5 FOR APPROVED ANCHOR AND INSTALLATION REQUIREMENTS.
- HINGE REQUIREMENTS: MIN (3) HINGES
LOCATIONS: 9.75' FROM RABBET IN HEAD TO CL OF TOP HINGE
10.38' FROM FLOOR TO CL OF BOTTOM HINGE,
EQUALLY SPACED IN BETWEEN.
- SEE SHEET 6 FOR AVAILABLE STANDARD DOOR/FRAME CONFIGURATIONS.
- HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.
- 4" FACE HEAD IS AVAILABLE WHEN FRAME IS GROUTED WITH CONCRETE, WITHIN MAX. FRAME HEIGHT
- APPLY CAULK AS NEEDED.
- PRODUCT IS NOT APPROVED WHERE WATER INFILTRATION REQUIREMENT IS NEEDED

ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE
1	1	HEAD SEE SHT 3 & 7. ASTM A366	.053" MIN. STL	MAX. 40"
2	1	STRIKE JAMB. SEE SHT 3 & 7	.053" MIN. STL	MAX. 88"
3	1	HINGE JAMB SEE SHT 3 & 7. ASTM A366	.053" MIN. STL	MAX. 88"
4	1	DOOR SLAB	SEE SHT 8	3'0" X 7'0" MAX.
5	1	LOCK SIDE REINFORCEMENT CHANNEL	.099" MIN. STL	3.5" X 81.44" MAX.
6	NOTE 3.	HINGE REINFORCEMENT DOOR ASTM A621	.171" MIN. STL.	1.28" X 9.19"
7	NOTE 3.	HINGE REINFORCEMENT FRAME ASTM A621	.171" MIN. STL.	1.28" X 9.19"
8	NOTE 3.	4.5" X 4.5" BUTT HINGES (SEE SHT.2) OPTIONAL CONTINUOUS HINGE (SEE SHT.3)	.134 MIN. .067" MIN.STL / .12 ALUM.	(4) #12-24 MS PER HINGE MAX. 95" 8 1/2" 2/10
9	1	CORE MATERIAL: A) HONEYCOMB B) STEEL STIFFENED C) POLYSTYRENE D) POLYURETHANE E) MINERAL BOARD TEMPERATURE RISE CORE	SEE SHEET 4	35.66" X 81.5" MAX.
10	1	LOCKING HARDWARE - LOCKSET (SEE DP TABLE) 1) SCHLAGE L9400 SERIES MORTISE LOCK 2) FALCON M-SERIES MORTISE LOCK		
11	1	THRESHOLD SILL W/BUMPER GASKET, SHT.8 1) NAT'L GUARD 950A 3) ZERO 566A 2) PEMCO 2005AS	.100" ALUM. 6063 T5	5.5" X 0.5" X 36" MAX
12	NOTE 2.	JAMB ANCHOR (LOCK-IN OR WELD-IN)	SEE SHT. 5	
13	6	PS074 WEATHER STRIPPING. SHEET 8	TPE	MAX. 21'
14	1	FAS-SEAL DOOR SWEEP. SHEET 8	TPE	MAX. 35.66"
15	2	END CHANNEL ASTM A924 (14 GA)	.070" MIN. STL	.69" X 1.66" X 35.66" MAX.
16	AS NEEDED	BUTYL RUBBER OR 100% SILICONE		

PRODUCT RENEWED as complying with the Florida Building Code
 Acceptance No. 09-0924-04
 Expiration Date FEB 24, 2011
 By Ishag I. Chan - Miami-Dade Product Control Division

Gordon Thomas, P.E. Date
 3759 Blossom Court
 Mason, OH 45040
 Florida # 46718

[Handwritten Signature] 1/3/10

BEND RADIUS

THIRD ANGLE PROJECTION

DRAWN YMF DATE 5/01/02

CHECKED

APPROVED

ENG. APPVL

IR INGERSOLL-RAND COMPANY
 STEELCRAFT MFG.
 9017 BlueAsh Rd. Cincinnati Ohio 45242

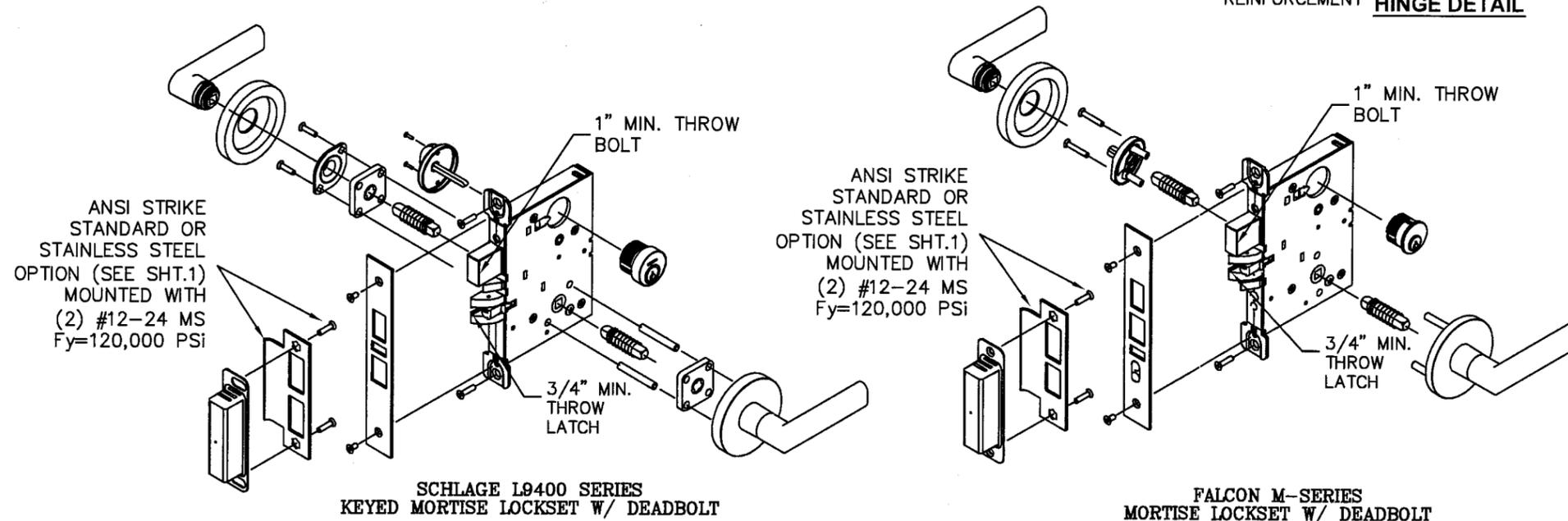
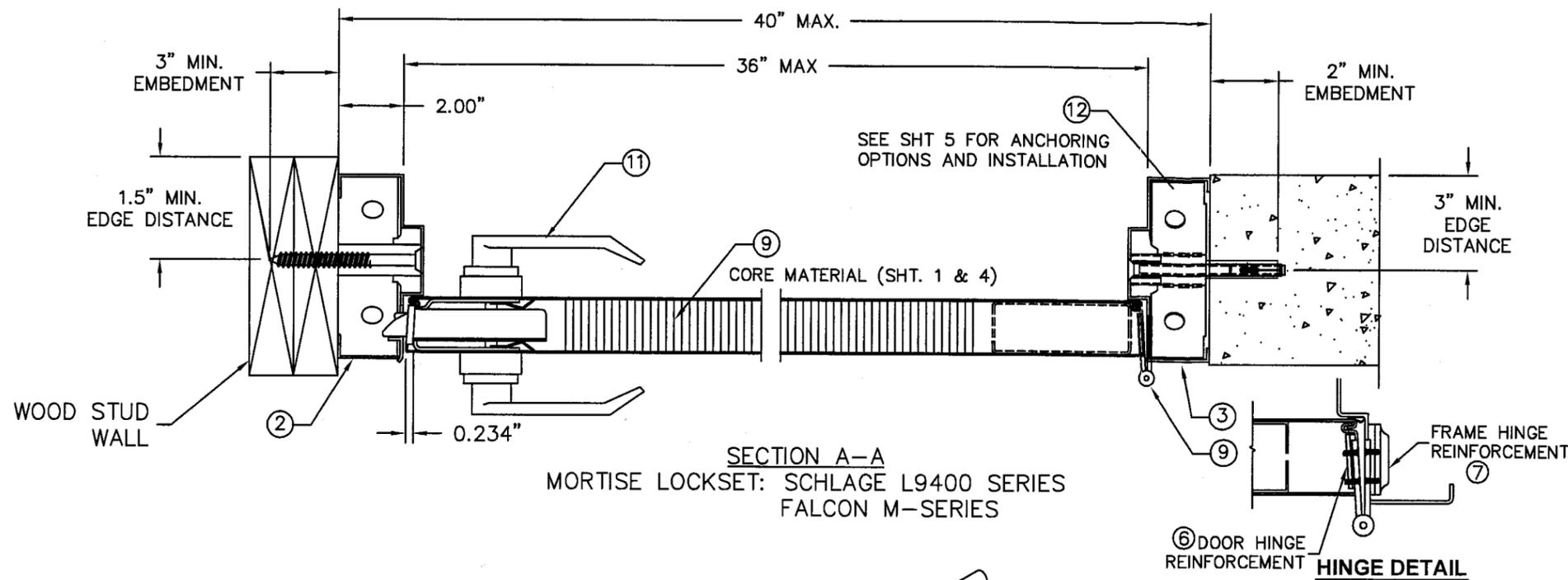
TITLE DADE COUNTY
 DADE COUNTY
 H16 - 4 3070 SINGLE (OUTSWING)
 IR MORTISE LOCK
 HIGH PRESSURE APPLICATIONS

SIZE FLAT DWG NO. 776W-2 REV E

SCALE: NTS AUTOCAD SHEET 1 OF 8

REVISIONS

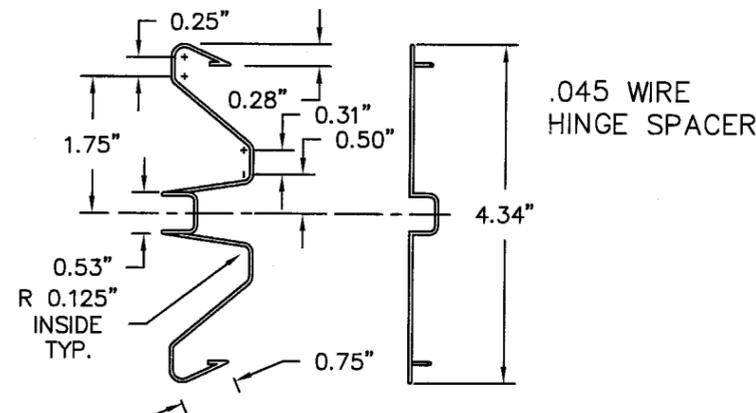
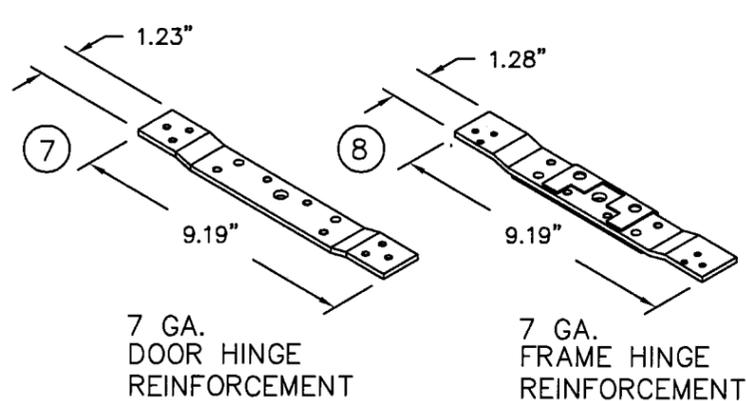
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	02/25/03	
B	REVISED FOR SUBMITTAL	03/30/04	
C	REVISED PER DC BCCO	07/02/04	
E	REVISED PER DC BCCO	01/14/10	



NOTES:

1. SEE SHT.1 FOR ELEVATION, MATERIAL AND SIZE
2. SEE SHT. 5 FOR WALL CONSTRUCTION, ANCHORING SYSTEM OPTIONS AND INSTALLATION.
3. SEE SHT. 6 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS
4. APPROVED HARDWARE INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS

<p>PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. <u>09-0929-04</u> Expiration Date <u>FEB 24 2011</u></p> <p>By <u>Shag L. Chang</u> Miami Dade Product Control Division</p>	<p><i>ATL</i> 1/30/10</p> <p>Gordon Thomas, P.E. Date 3759 Blossom Court Mason, OH 45040 Florida # 46718</p>
---	--



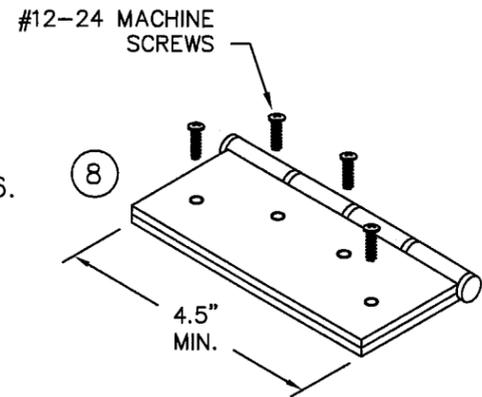
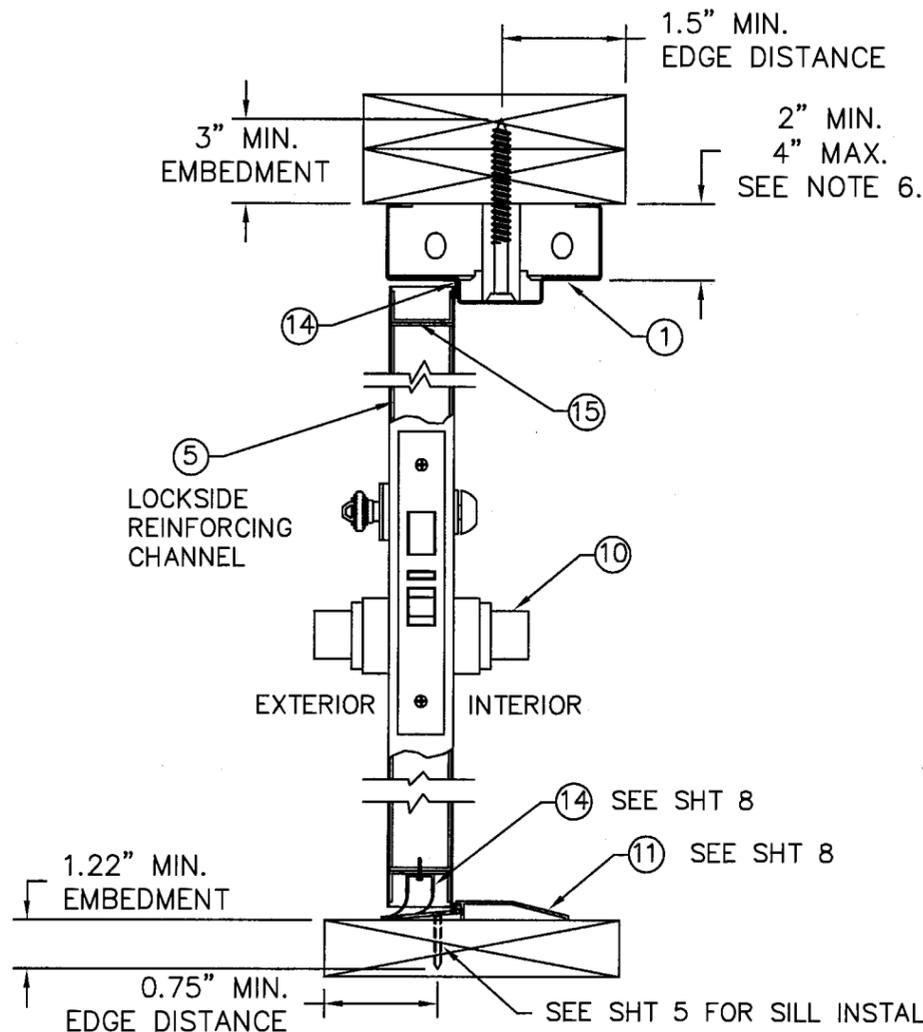
BEND RADIUS				INGERSOLL-RAND COMPANY STEELCRAFT MFG. 9017 BlueAsh Rd. Cincinnati Ohio 45242	
THIRD ANGLE PROJECTION					
DRAWN	YMF	DATE	5/01/02	TITLE DADE COUNTY	
CHECKED		CROSS SECTION OF DOOR AND FRAME IR COMMERCIAL LOCK HARDWARE H-SERIES SINGLE DOORS HIGH PRESSURE APPLICATIONS			
APPROVED		SIZE	FLAT	DWG NO.	776W-2
ENG. APPVL		SCALE:	NTS	AUTOCAD	SHEET 2 OF 8

REVISIONS

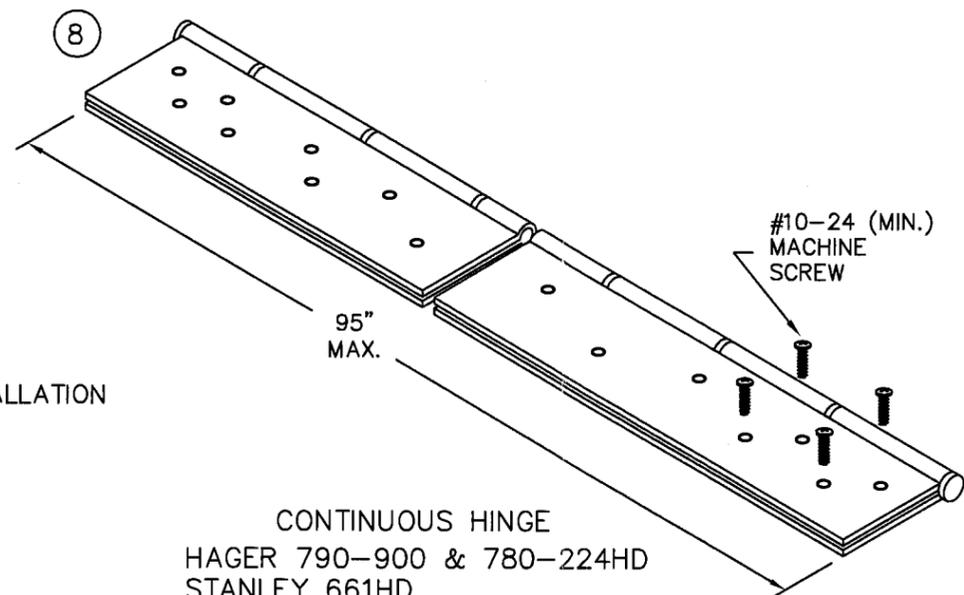
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	02/26/03	
B	REVISED FOR SUBMITTAL	03/30/04	
C	REVISED PER DCBCCO	08/31/04	
E	REVISED PER DCBCCO	01/14/10	

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 09-0728.04
Expiration Date FEBRU, 2011
By *[Signature]*
Miami Code Product Control
Division

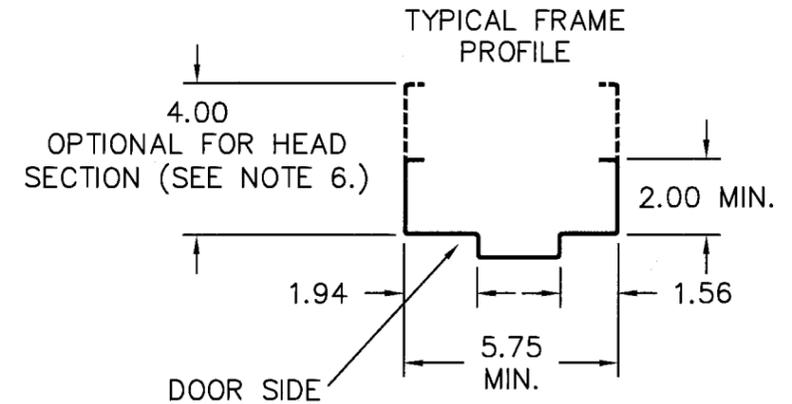
[Signature] 1/30/10
Date
Gordon Thomas, P.E.
3759 Blossom Court
Mason, OH 45040
Florida # 46718



BUTT HINGE
4.5" X 4.5" STD. WT. MIN.
HAGER 1279
STANLEY F179/1900
IVES 5BB1/3CB1

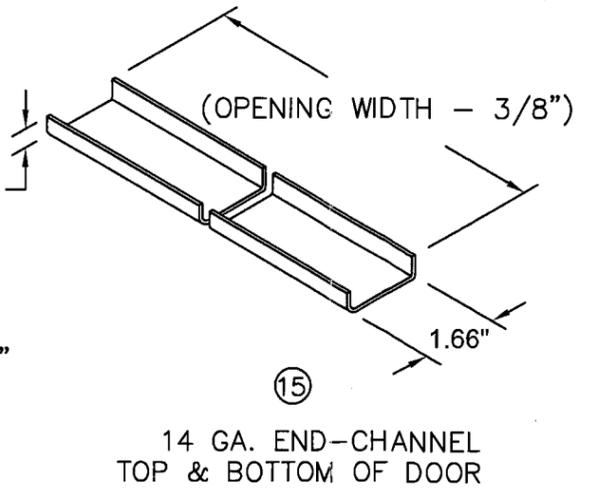
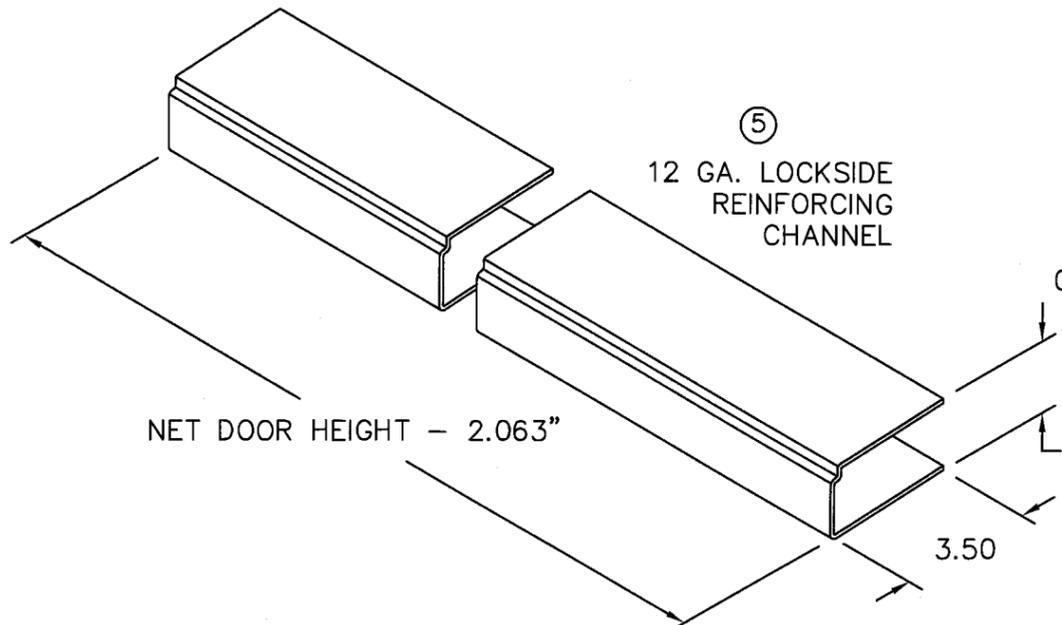


CONTINUOUS HINGE
HAGER 790-900 & 780-224HD
STANLEY 661HD
MARKAR FM-300 & HG305
SELECT SL11HD
PEMKO FM-SERIES

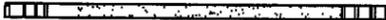


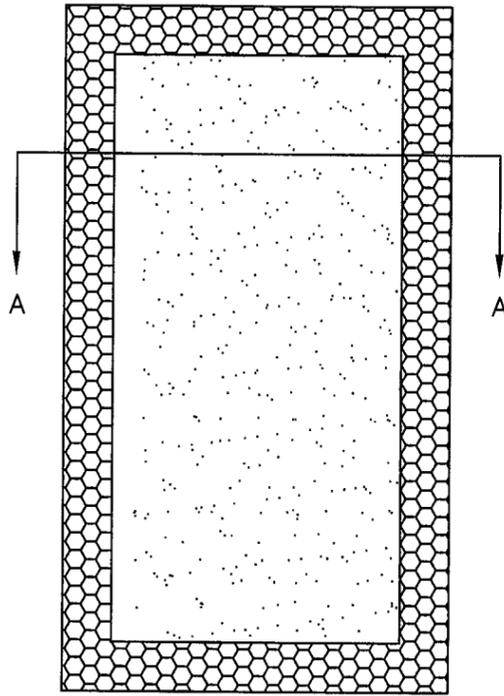
NOTES:

1. SEE SHT.1 FOR ELEVATION, MATERIAL AND SIZE
2. SEE SHT.1 NOTE 2. FOR ANCHOR REQUIREMENTS
3. SEE SHT. 5 FOR WALL CONSTRUCTION ANCHORING SYSTEM OPTIONS AND INSTALLATION.
4. SEE SHT. 6 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS
5. APPROVED HARDWARE INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS
6. HEAD SECTION CAN HAVE 4" FACE DIMENSION WHEN IT'S GROUTED WITH CONCRETE, WITHIN MAX. HEIGHT LIMIT.
7. STUDDED WALL CONSTRUCTION STRUCTURAL MEMBERS MUST BE DESIGNED TO COMPLY WITH APPROVED DESIGN PRESSURE RATING (233#/FT BASIS)

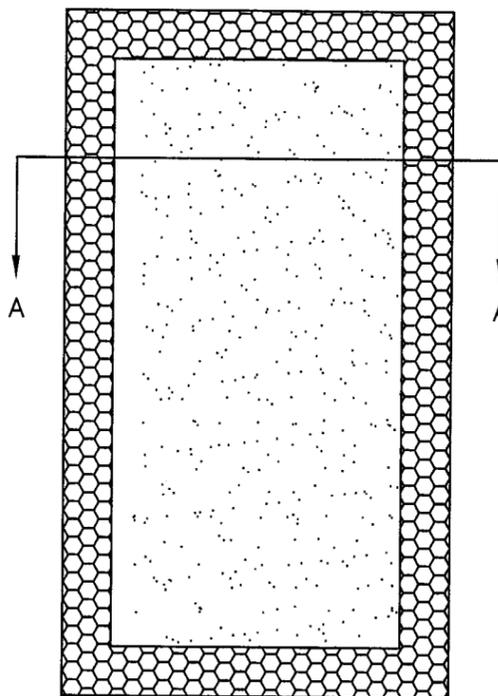


BEND RADIUS				IR INGERSOLL-RAND COMPANY STEELCRAFT MFG. 9017 BlueAsh Rd. Cincinnati Ohio 45242			
THIRD ANGLE PROJECTION	DATE						
DRAWN	DATE	DADE COUNTY		CROSS SECTION OF DOOR AND FRAME			
YMF	5/10/02	IR COMMERCIAL LOCK HARDWARE		H-SERIES SINGLE DOORS			
CHECKED		HIGH PRESSURE APPLICATIONS					
APPROVED		SIZE	FLAT	DWG NO.			
ENG. APPVL				776W-2	E		
SCALE:		NTS		AUTOCAD		SHT 3 OF 8	

SECTION A-A  SECTION A-A 



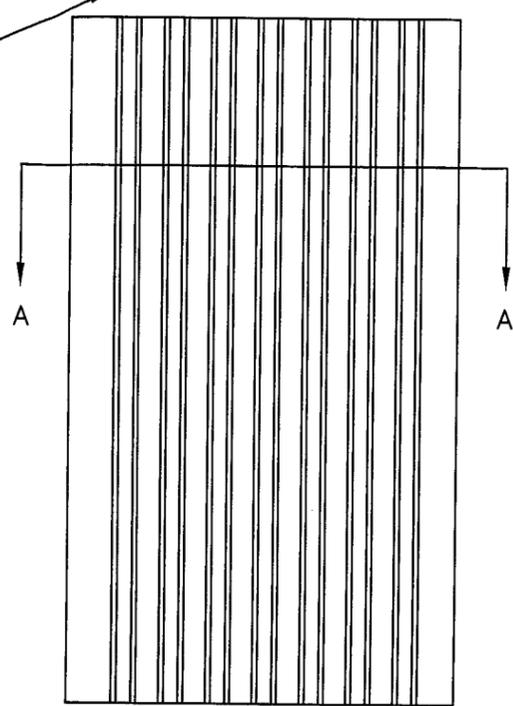
(A) POLYSTYRENE
EXPANDED POLYSTYRENE FOAM
GRADES 54 AND 86
DENSITY: 1.0 LB/CUFT



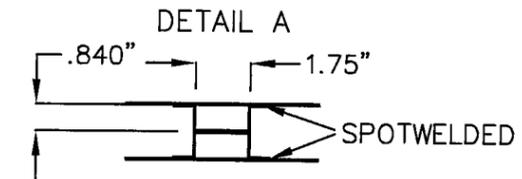
(B) POLYURETHANE
ELFOAM H200
DENSITY: 2.0 LBS/CUFT

SECTION A-A 

SEE
DETAIL 'A'

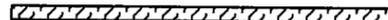


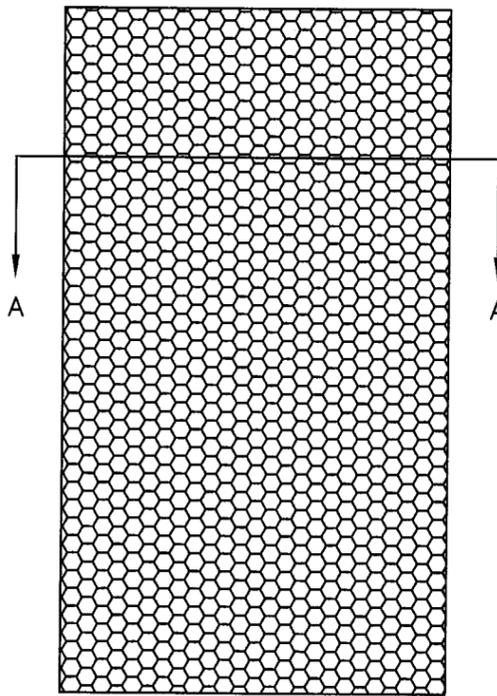
(C) STEEL STIFFENED
HAT SHAPED SECTIONS 20 GA.
MIN. WELDED 6" O.C. TO INSIDE
OF FACE SHEETS. HAT SHAPED
STIFFENERS TO BE WELDED TOGETHER
AT TOP AND BOTTOM



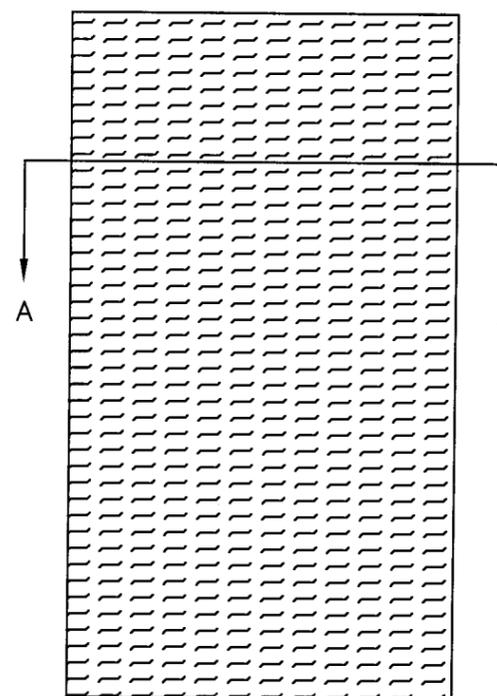
REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS	02/26/03	
B	REVISED FOR SUBMITTAL	03/30/04	
E	NEW REVISION	01/14/10	

SECTION A-A  SECTION A-A 



(D) HONEYCOMB
KRAFT PAPER. 1.2" CELL SIZE



(E) TEMPERATURE RISE CORE
MINERAL AND FIBER BOARD
DENSITY: 17 ± 1.5 LBS/CUFT

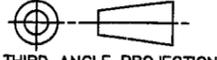
NOTE:
CORE MATERIAL SHOWN
WITHOUT HARDWARE REINFORCEMENTS

DOOR WIDTH	STIFFENERS
22", 20"	3
24", 26"	4
2'10", 30"	5

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0929-04
Expiration Date FEB 24, 2011
By Ishag I. Chande
Miami-Dade Product Control
Division

April 10 1/30/10

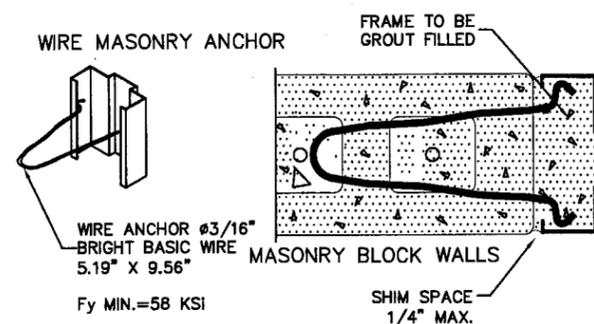
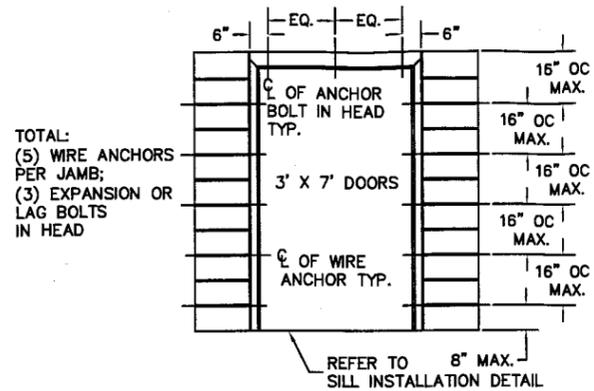
Gordon Thomas, P.E. Date
3759 Blossom Court
Mason, OH 45040
Florida # 46718

BEND RADIUS		 INGERSOLL-RAND COMPANY STEELCRAFT MFG. 9017 BlueAsh Rd. Cincinnati Ohio 45242	
 THIRD ANGLE PROJECTION			
DRAWN	DATE	TITLE	
YMF	5/01/02	DADE COUNTY DADE COUNTY TEST UNIT CORE MATERIALS OPTIONS	
CHECKED		SIZE	FLAT
APPROVED		DWG NO.	776W-2
ENG. APPVL		SCALE:	NTS AUTOCAD
			SHT 4 OF 8

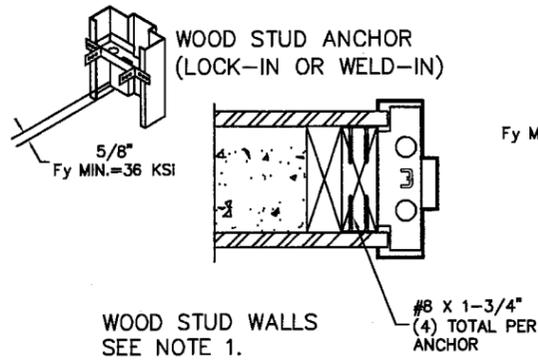
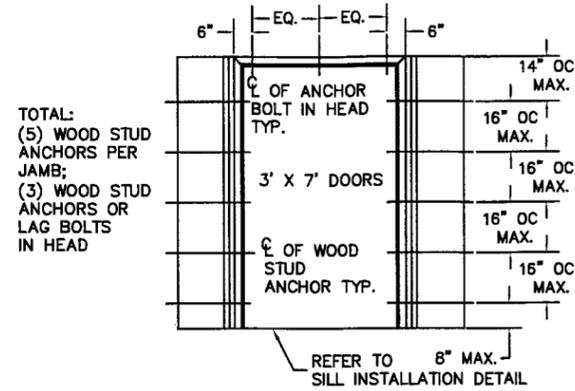
REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	02/26/03	
B	REVISED FOR SUBMITTAL	03/30/04	
C	REVISED PER DC BCCD	07/02/04	
E	NEW REVISION	01/14/10	

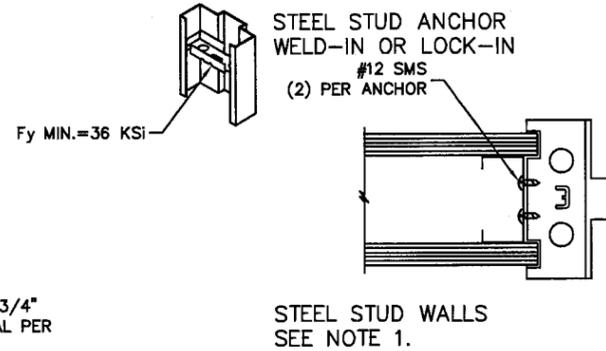
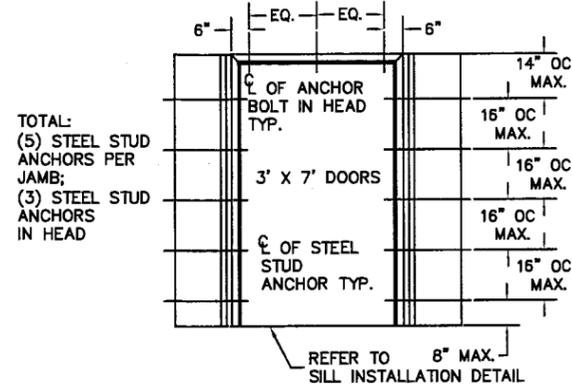
A WIRE MASONRY ANCHOR INTO GROUT FILLED FRAME AND BLOCK WALL



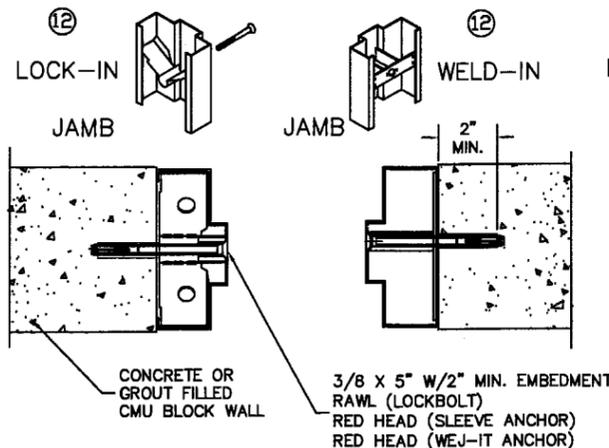
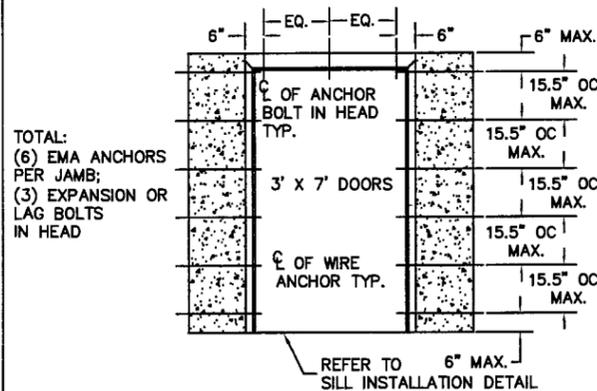
B WOOD STUD ANCHOR



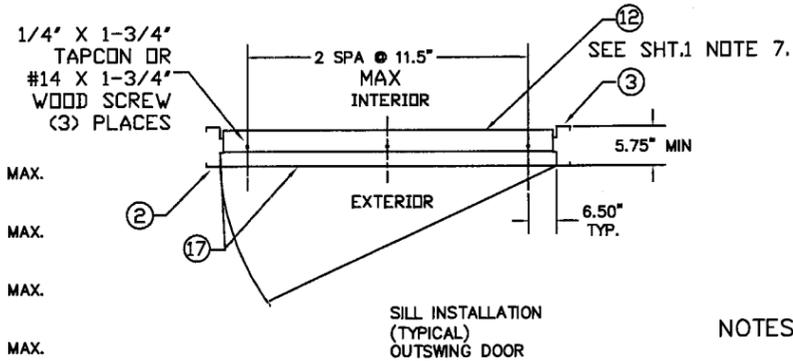
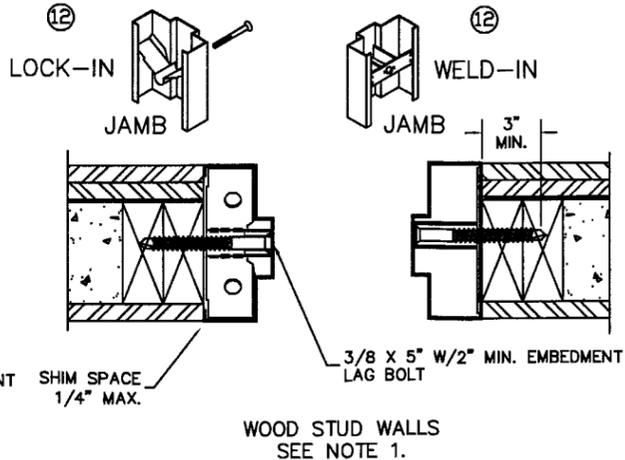
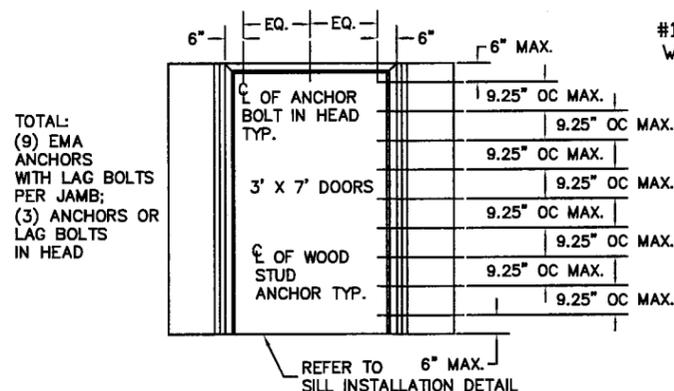
C STEEL STUD ANCHOR



D EXISTING MASONRY ANCHOR (EMA) INTO CONCRETE WALL OR CMU



E EXISTING MASONRY ANCHOR (EMA) WITH LAG BOLT INTO WOOD STUD WALL



NOTES:

- WOOD OR STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 320 #/ft. LOAD, AND SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.
- NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.

PRODUCT RENEWED as complying with the Florida Building Code
 Acceptance No. *02-0929-01*
 Expiration Date *FEB 24, 2010*
 By *Ishas Chauhan*
 Miami-Dade Product Control Division

Gordon Thomas, P.E. Date *1/30/10*
 3759 Blossom Court
 Mason, OH 45040
 Florida # 46718

BEND RADIUS				INGERSOLL-RAND COMPANY STEELCRAFT MFG. 9017 BlueAsh Rd. Cincinnati Ohio 45242			
THIRD ANGLE PROJECTION						TITLE DADE COUNTY	
DRAWN	DATE	ANCHOR DETAILS / MOUNTING CONDITIONS		SIZE	FLAT	DWG NO.	REV
YMF	5/01/02					776W-2	E
CHECKED		SCALE: NTS		AUTOCAD		SHT 5 OF 8	
APPROVED							
ENG. APPVL							

AVAILABLE DOOR CONFIGURATIONS
(SEE NOTE 1.)

TABLE 1.

DOOR TYPE	CORE MATERIAL PER SHT.7	MAXIMUM OPENING SIZE		SKIN MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
FLUSH	HONEYCOMB POLYSTYRENE POLYURETHANE	3'0"	7'0"	CRS GALV	16/.053" 14/.067"
STEEL STIFFENED	STEEL STIFFENED	3'0"	7'0"	CRS GALV	16/.053" 14/.067"
TEMPERATURE RISE CORE	MINERAL FIBER	3'0"	7'0"	CRS GALV	16/.053" 14/.067"
EMBOSSSED PANELS	POLYSTYRENE/ HONEYCOMB	3'0"	7'0"	GALV	16/.053"

AVAILABLE FRAME CONFIGURATIONS
(SEE NOTE 2.)

TABLE 2.

FRAME SERIES	JAMB DEPTH	MAXIMUM OPENING SIZE		MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
F	5.75" MIN.	3'0"	7'0"	CRS/HRS GALV	16/.053" 14/.067" 12/.099"
MU	5.75" MIN.	3'0"	7'0"	CRS/HRS GALV	16/.053" 14/.067"

MINIMUM YIELD STRENGTH = 26.5000 PSI

TABLE 3.

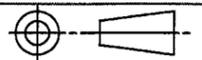
CRS ASTM A1008
HRS ASTM A1011
GALV: A60 ASTM A924
STL: 304,306 ASTM A240

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 09-0329.04
Expiration Date FEB 20 2011

By *J. Chand*
Mason

Gordon Thomas 1/30/10

Gordon Thomas, P.E. Date
3759 Blossom Court
Mason, OH 45040
Florida # 46718

BEND RADIUS				INGERSOLL-RAND COMPANY STEELCRAFT MFG 9017 BlueAsh Rd. Cincinnati Ohio 45242
THIRD ANGLE PROJECTION	TITLE DADE COUNTY			
DRAWN YMF	DATE 5/01/02	DOOR AND FRAME CONFIGURATIONS AND MATERIAL SPECS. HIGH PRESSURE APPLICATIONS		REV E
CHECKED	APPROVED	SIZE FLAT	DWG NO. 776W-2	
ENG. APPVL	SCALE NTS	AUTOCAD	SHT 6 OF 8	

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	02/26/03	
B	REVISED FOR SUBMITTAL	03/30/04	
E	REVISED FOR SUBMITTAL	01/14/10	

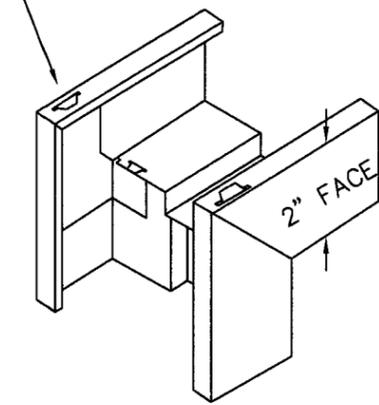
NOTES:

- DOOR CONSTRUCTION
 - MINIMUM DOOR THICKNESS - 1 3/4"
 - DOORS AVAILABLE IN FLAT AND EMBOSSSED SURFACE MODELS (SEE TABLE.1)
 - ALL DOORS ARE FLUSH - NO LITES OR LOUVERS AVAILABLE
- FRAME CONSTRUCTION
 - MINIMUM JAMB DEPTH - 5 3/4", STOP HEIGHT - 5/8"
 - FRAMES AVAILABLE AS FLUSH (F-SERIES) AND MULT-USE (MU-SERIES) (SEE TABLE.2)
- FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 3.

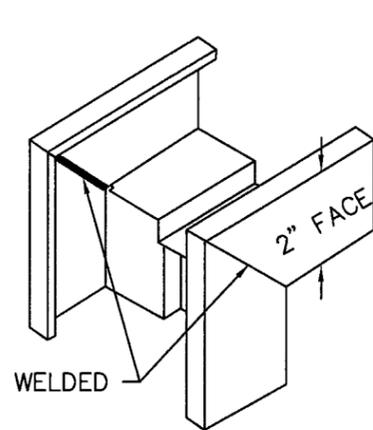
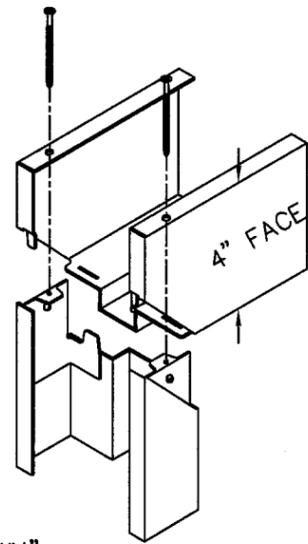
REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	02/26/03	
B	REVISED FOR SUBMITTAL	03/30/04	
C	REVISED PER DCBCCO	08/31/04	
E	NEW REVISION	01/14/10	

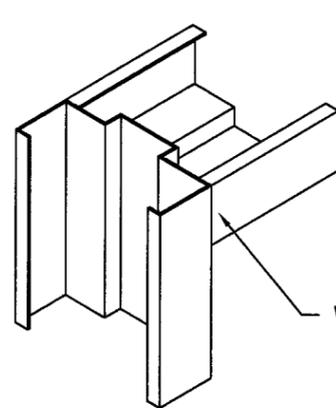
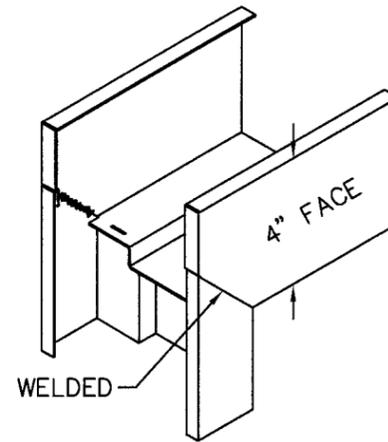
BENT TABS TO SECURE ASSEMBLY



'KD'
"KNOCKED-DOWN"
ASSEMBLY

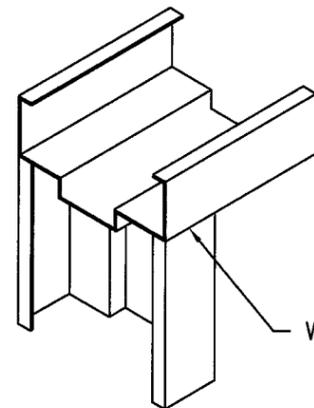


'SUA'
SET-UP AND ARC-WELDED
ASSEMBLY



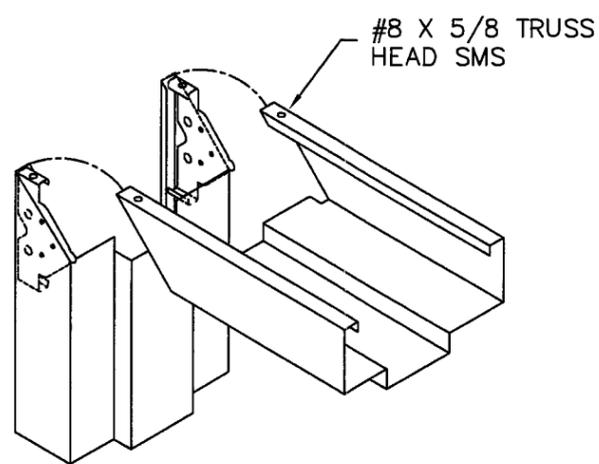
HEAD NOTCHED
AND BUTTED BETWEEN JAMBS

WELDED



HEAD SITS ON TOP
OF NOTCHED JAMBS

WELDED



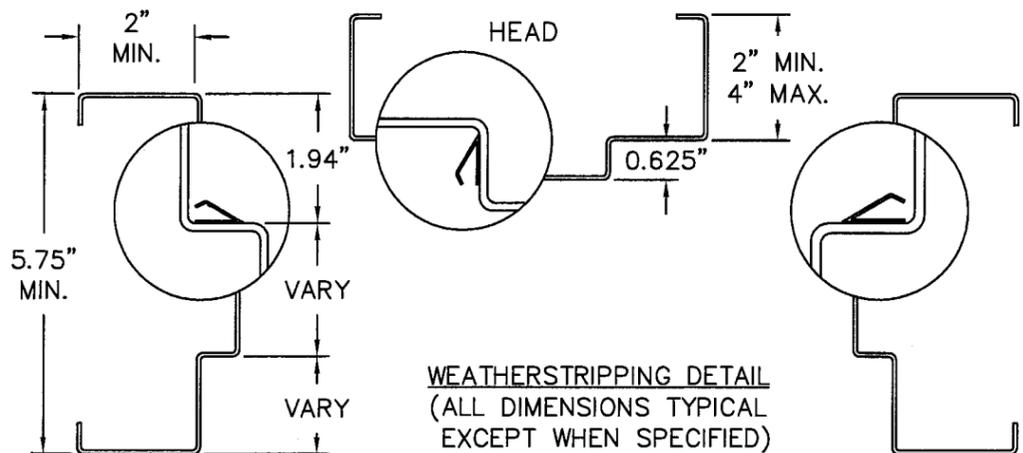
'MU'
"MULTI-USE" SERIES
ASSEMBLY

#8 X 5/8 TRUSS
HEAD SMS

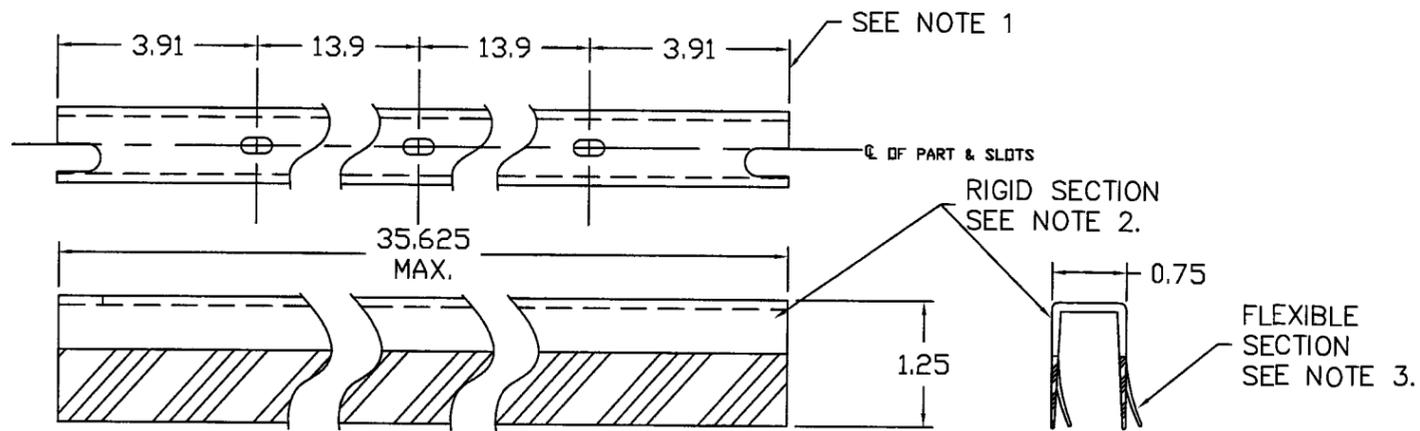
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 09-0929.04
Expiration Date FEB 24, 2011
By [Signature]
Miami-Dade Product Council
Division

[Signature] 1/30/10

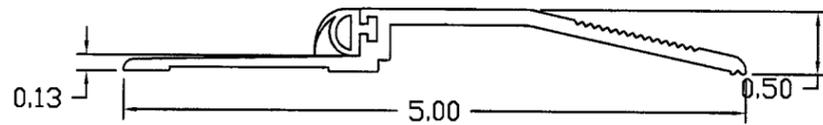
Gordon Thomas, P.E. Date
3759 Blossom Court
Mason, OH 45040
Florida # 46718



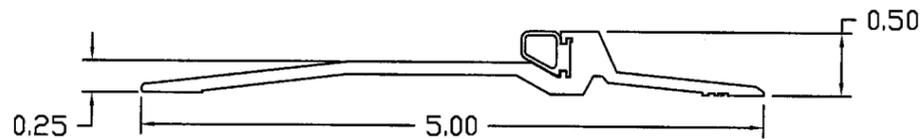
BEND RADIUS				INGERSOLL-RAND COMPANY STEELCRAFT MFG 9017 BlueAsh Rd. Cincinnati Ohio 45242			
THIRD ANGLE PROJECTION							
DRAWN	YMF	DATE	02/05/02	TITLE			
CHECKED		DADE COUNTY					
APPROVED		CORNER DETAILS AND WEATHERSTRIPPING ATTACHMENT FOR FLUSH FRAME AND MU FRAMES					
ENG. APPVL		SIZE	FLAT	DWG NO.	776W-2	REV	E
SCALE:		NTS	AUTOCAD			SHT 7 OF 8	



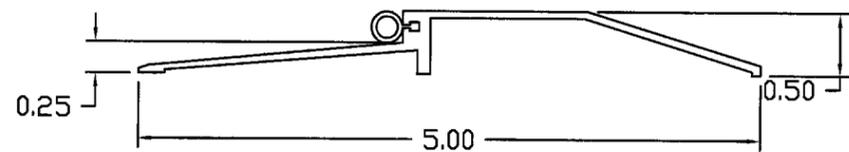
FAS-SEAL DOOR SWEEP



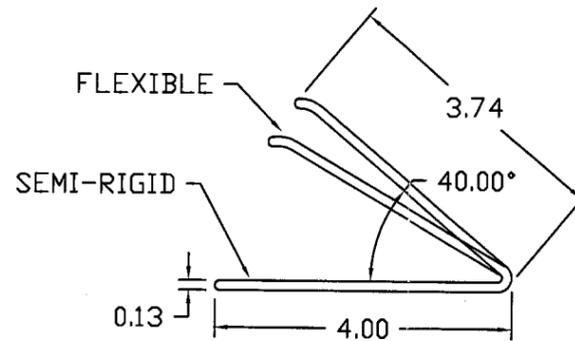
ZERO INT'L 566 SERIES THRESHOLD WITH NEOPRENE BUMPER



PEMKO 2005 SERIES THRESHOLD WITH SILICONE, VINYL OR PILE SEAL



NATIONAL GUARD 950 SERIES THRESHOLD WITH SILICONE, VINYL OR NEOPRENE BUMPER



PS-074 SELF-ADHESIVE WEATHERSTRIPPING

NOTES:

1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER
3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73 73 DUROMETER - SHORE A SCALE

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	02/26/03	
B	REVISED FOR SUBMITTAL	03/30/04	
E	NEW REVISION	01/14/10	

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 09-0929-04
Expiration Date Feb 24, 2011
By Ishas L. Chaudhary
Miami Dade Product Control
Division

APPL 1/30/10

Gordon Thomas, P.E. Date
3759 Blossom Court
Mason, OH 45040
Florida # 46718

BEND RADIUS				INGERSOLL-RAND COMPANY STEELCRAFT MFG. 9017 BlueAsh Rd. Cincinnati Ohio 45242	
THIRD ANGLE PROJECTION					
DRAWN YMF	DATE 02/05/02	TITLE DADE COUNTY DOOR ACCESSORIES BOTTOM SWEEP THRESHOLDS AND WEATHERSTRIPPING		SIZE FLAT	DWG NO. 776W-2
CHECKED				SCALE NTS	AUTOCAD
APPROVED				SHT 8 OF 8	
ENG. APPVL				REV E	